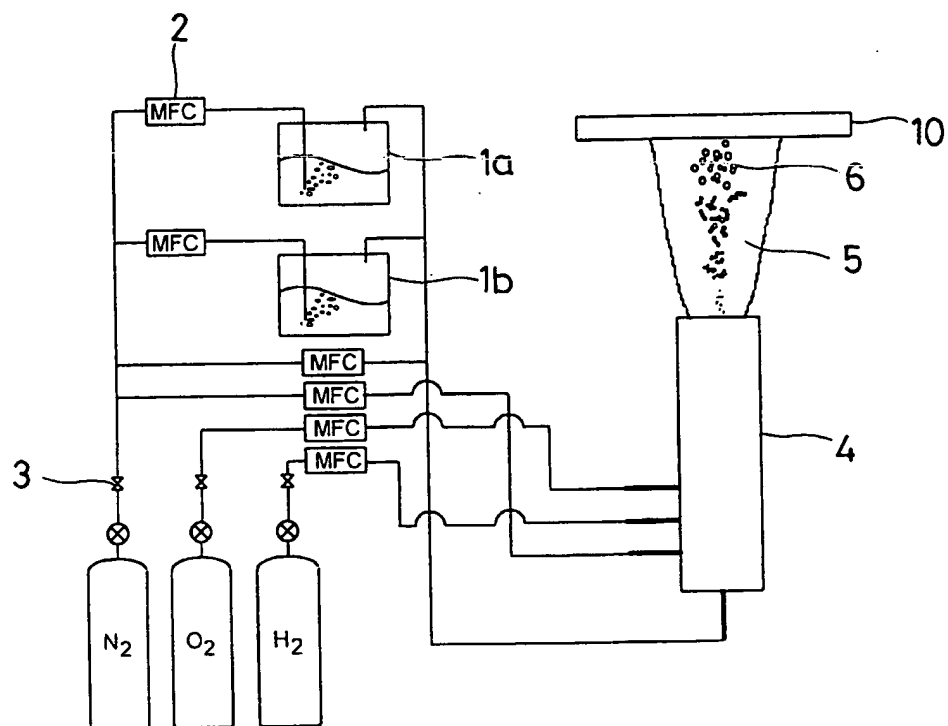


FIG.1 (PRIOR ART)



2/12

FIG.2A (PRIOR ART)

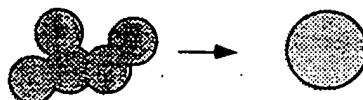


FIG.2B (PRIOR ART)

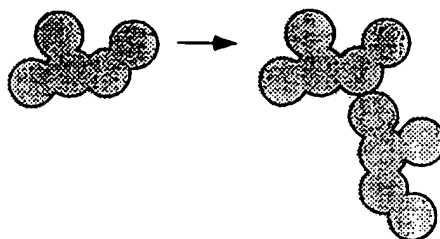
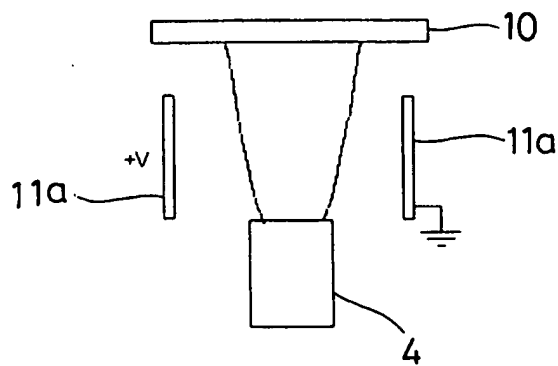


FIG.3 (PRIOR ART)



3/12

FIG.4 (PRIOR ART)

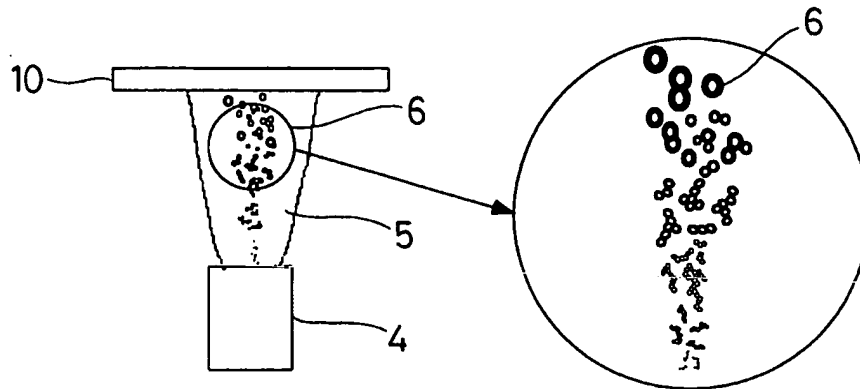
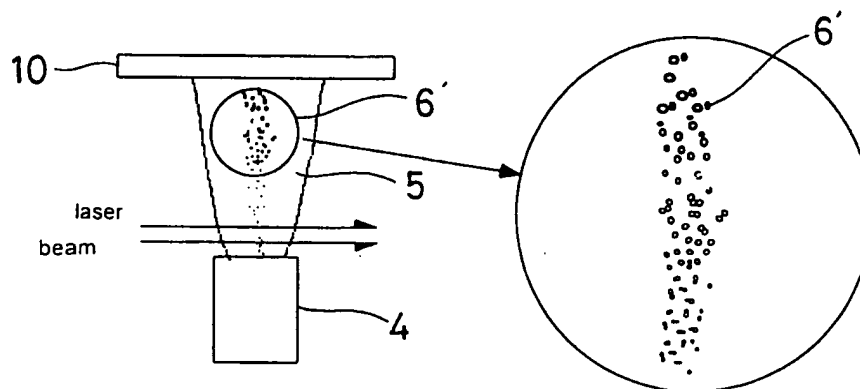


FIG.5



4/12

FIG. 6A

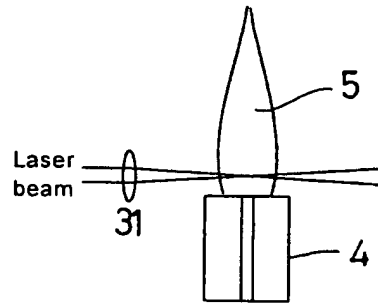


FIG. 6B

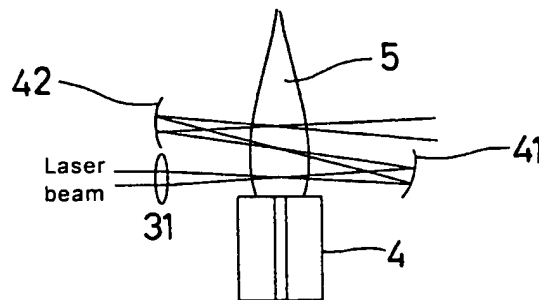


FIG. 6C

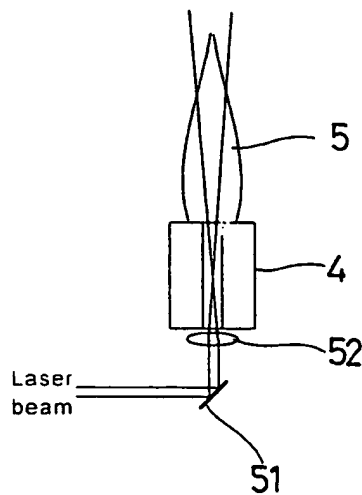


FIG. 7

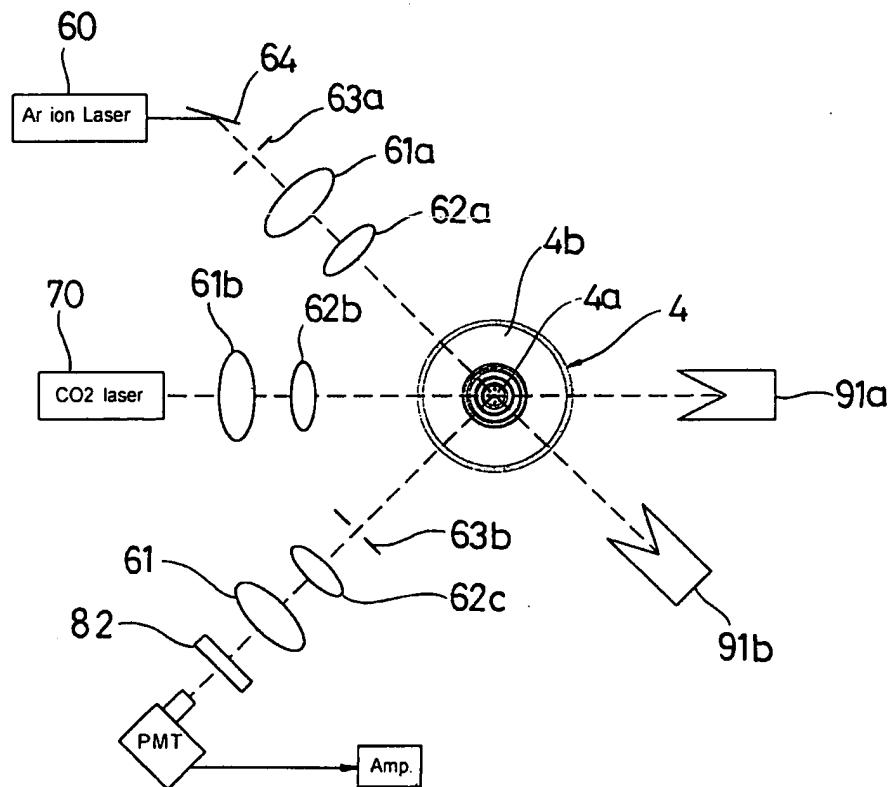
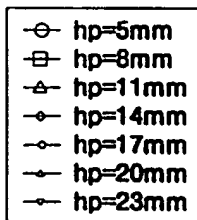
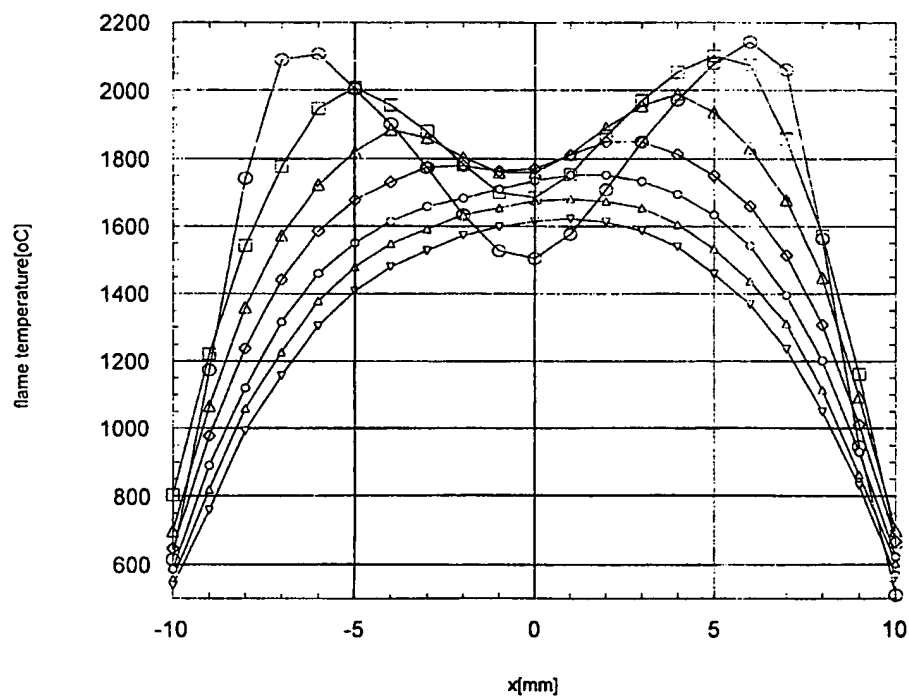


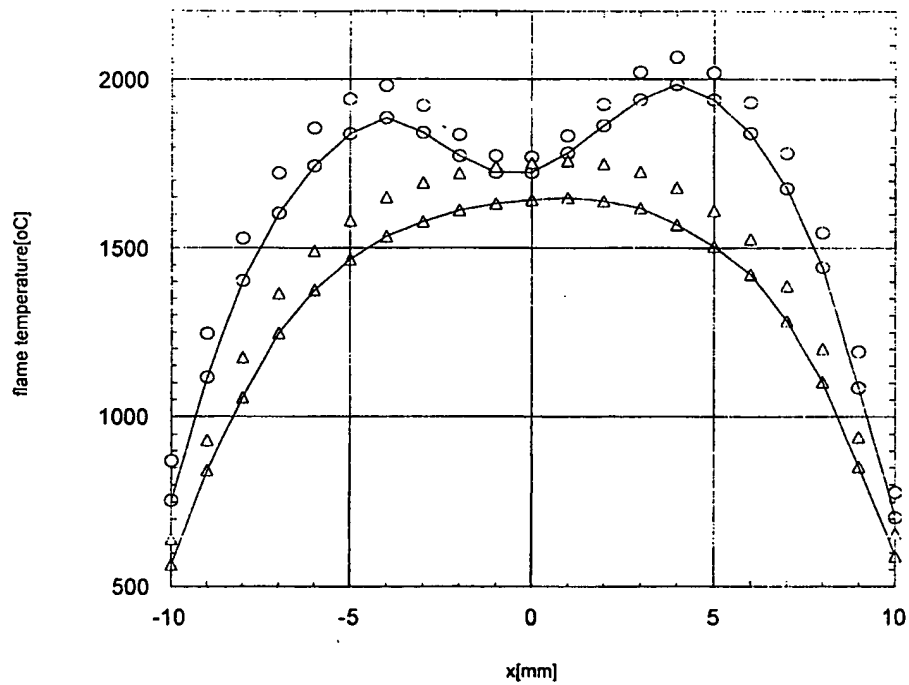
FIG.8A



total carrier gas flowrate
0.225 lpm

7/12

FIG.8B



- hp=11mm, WITHOUT CO₂ laser
- hp=11, CO₂ laser power=1137W
- △ hp=20mm, WITHOUT CO₂ laser
- hp=20, CO₂ laser power=1137W

FIG.9A

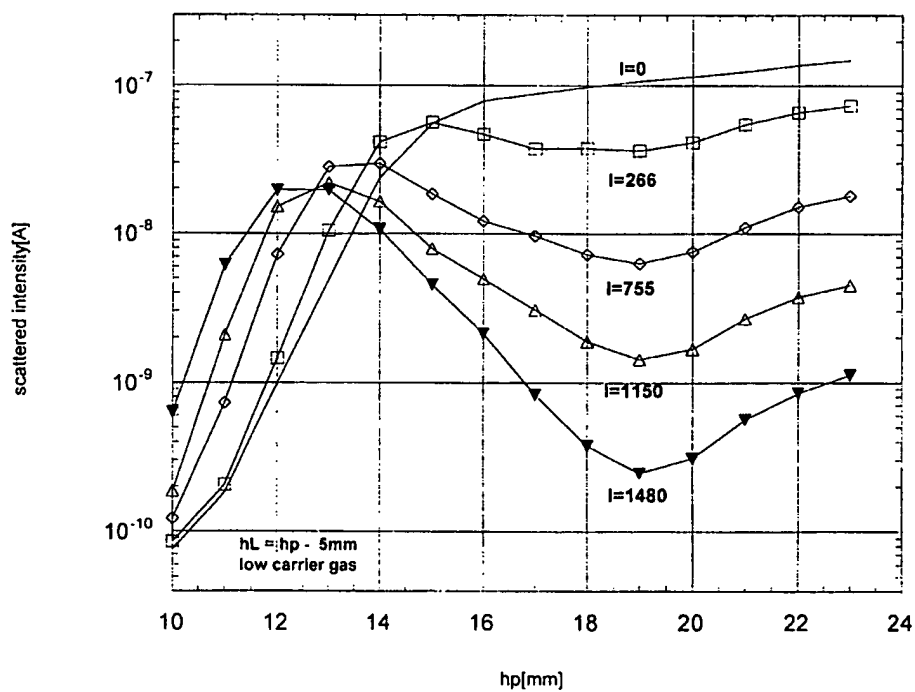
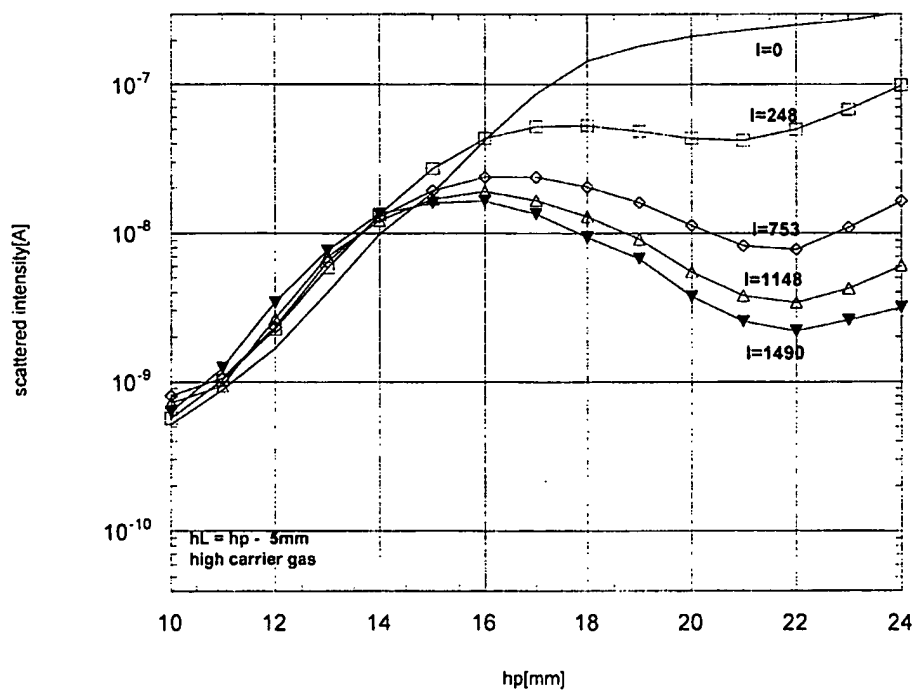


FIG.9B



10/12

FIG. 10

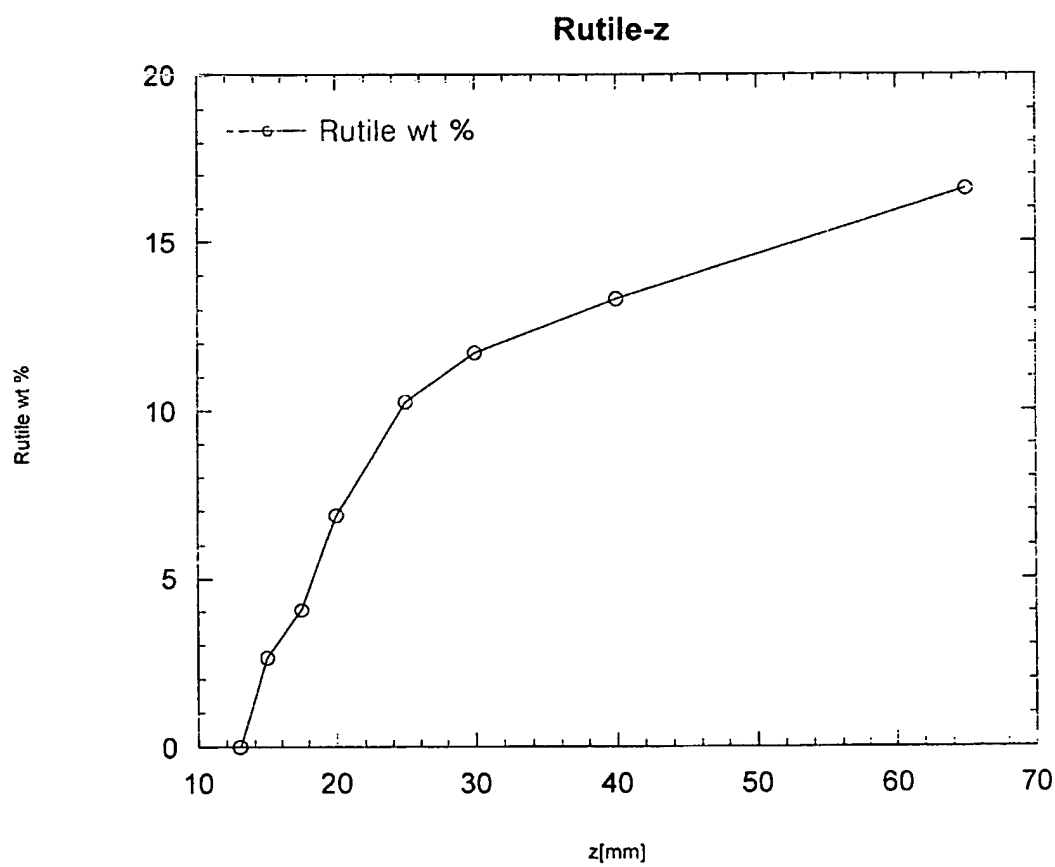
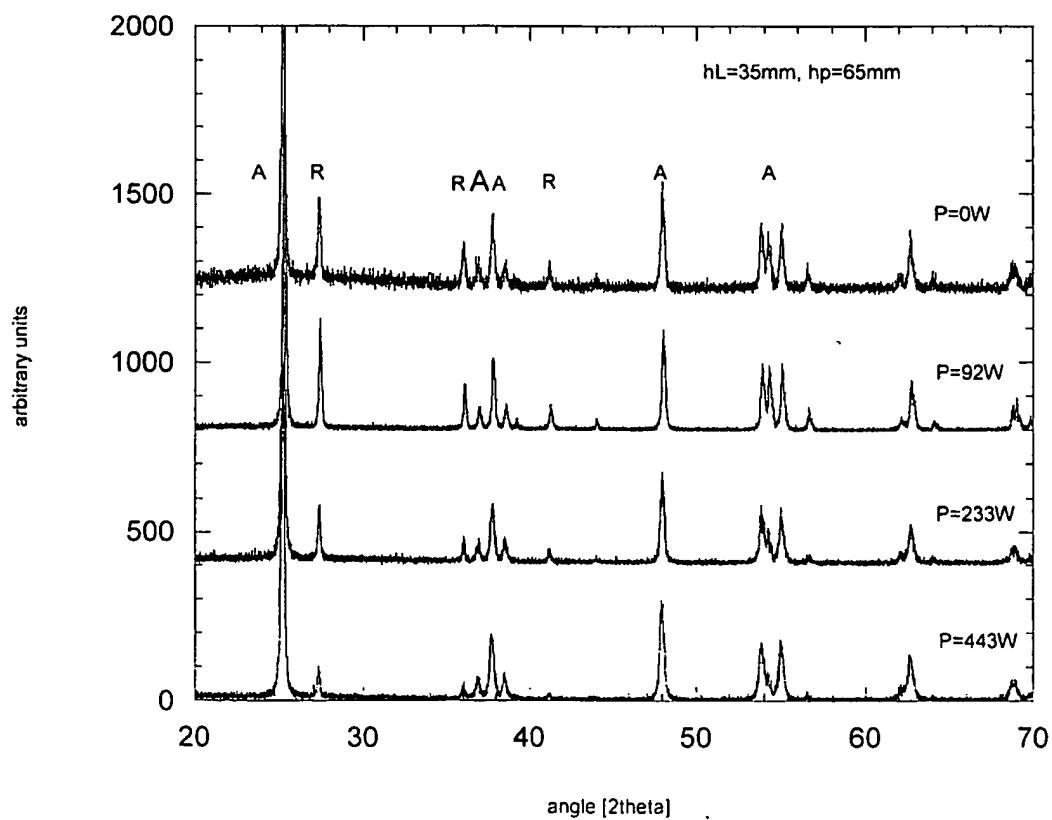


FIG. 11



12/12

FIG.12

